

- 1 -

piece 1, NC_000913, ygjI_ygjJ+, config: linear, direction: +, begin: 3225660, end: 3225842

*3225660 * *3225670 * *3225680 * *3225690 * *3225700 * *3225710 * *3225720 * *3225730 * *3225740
5' g a a g c g a c g c c a g c a t g t g a t t a a g c a g a a t a a a a a a t g a g c a g g c a t t t t c c t c t g g a g a g a 3'
- glu - ala - thr - pro - ala - ser - asn - val - asp - fMet - ser - arg - his - phe - pro - ser - ser - trp - met - arg - arg -
- lys - arg - arg - gln - pro - ala - met - leu - ile - lys - gln - asn - asn - lys - lys -
- ser - asp - ala - ser - gln - gln - cys -

sd sd ir ygjI_ygjJ+
sd-(12)-ir 3225705 Gap 4.0 bits
sd-ir 3225705 ygjI_ygjJ+ total 6.1 bits

*3225750 * *3225760 * *3225770 * *3225780 * *3225790 * *3225800 * *3225810 * *3225820
5' g g g a a a a t a g t t t c t t t a t t t t a t t a c a a c a g a t a a a a g g c t g t a c t t t c t t t a g c t c a t g g a t t a a c a 3'

gly - lys - ile - val - ser - ala - phe - ile - phe - leu - fMet - asp -
p35 0.7 bits orf 23 codons p10 2.5 bits p10 3.8 bits p35 4.8 bits ... ir
p10 8.4 bits

{-----} p35-(21)-p10 3225770 Gap 3.3 bits

|-----| p35-p10 3225770 total 5.8 bits

p35 4.7 bits

{-----}

p35-(24)-p10 3225784 Gap 2.4 bits

{-----}

p35-p10 3225784 total 4.8 bits

... p10

{-----}

p35-(22)-p10 3225820 Gap 2.3 bits

|-----|

p35-p10 3225820 total 6.5 bits

*3225830 * *3225840
5' a a t g a a a t t a a t c a c t g c a c c 3'

fMet - lys - leu - ile - thr - ala -

sd-(10)-ir 3225823 Gap 2.7 bits

sd-ir 3225823 ygjI_ygjJ+ total 12.5 bits

p10 4.1 bits

[-----] ... NC_000913.ygjJ